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INTERNATIONAL SEARCH REPORT

ib2004/01791

A. CLASSIF IPC 7	HO1L29/78 H01L29/739 H01L29/06 H01L21/336 H01L27/02 H01L29/861	6 H01L21/331
According to	International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS		
Minimum do	cumentation searched (classification system tollowed by classification symbols) $H01L$	
Documentati	ion searched other than minimum documentation to the extent that such documents are included	in the fields searched
Electronic da	ala base consulted during the international search (name of data base and, where practical, sea	arch terms used)
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
А	US 5 557 127 A (KINZER DANIEL M ET AL) 17 September 1996 (1996-09-17) column 1, line 39 - line 59 column 3, line 3 - column 4, line 40; figure 3	1-12
A	US 5 043 781 A (NISHIURA MASAHARU ET AL) 27 August 1991 (1991-08-27) column 6, line 38 - column 7, line 5; figures 10a-b	1-12
A	US 6 462 376 B1 (VOGT HOLGER ET AL) 8 October 2002 (2002-10-08) column 1, line 26 - line 36 column 6, line 45 - column 7, line 36; figure 1 column 11, line 20 - line 67; figures 6,7	5-7,12
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X Furti	her documents are listed in the continuation of box C. X Patent family mem	nbers are listed in annex.
"A" docume consider a filing of the citation of docume other of the citation of citation of the citation of the citation of the citation of th	or priority date and no cited to understand the invention document but published on or after the International date ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another or or other special reason (as 'specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the International filling date but	ed after the international filing date t in conflict with the application but e principle or theory underlying the relevance; the claimed invention novel or cannot be considered to tep when the document is taken alone relevance; the claimed invention to involve an inventive step when the d with one or more other such docu- lion being obvious to a person skilled
	han the priority date claimed '&' document member of the international search Date of mailing of the international search	ne same patent ramily nternational search report
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	European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	R

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	C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT										
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00 0 102075			DE	59902506 D1	02-10-2002
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